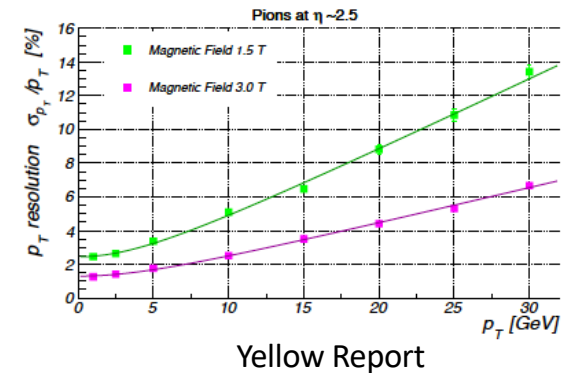
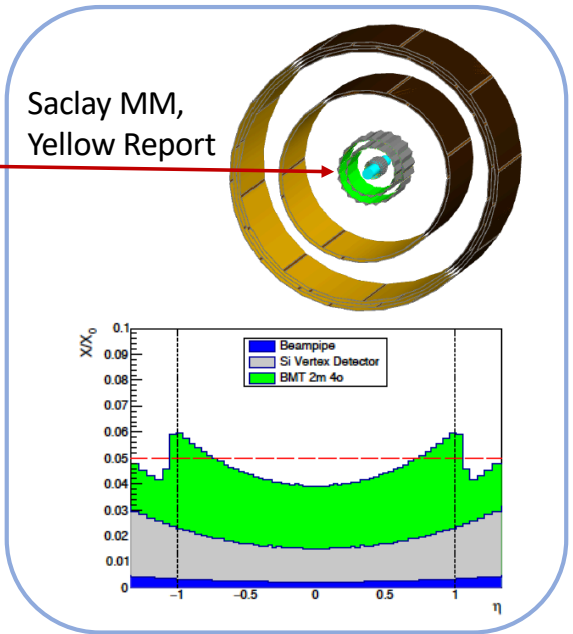


# Immediate eRD6 Simulation Plan

Do you have these detectors?

1. Run material scan on MM barrel tracker
  - verify yellow report material budget and new code is working correctly
2. Run material scan on one triple-GEM tracker
3. Implement Si vertex tracker from EicRoot or do you have one already?
4. Implement place holder Si disks/ barrel layers
  - Simple Fun4All native disk and cylinder geometries
  - Should use resolutions stated in Yellow Report
  - Not worry about Si material budget at this point
5. Set up analysis scripts to run simulation and determine momentum resolution
6. Work on optimizing MPGD / Si positions and layers to optimize momentum resolution

Steps 6 will need to be **redone when real Si detectors** are integrated, but should be straight forward after going through steps 1-6 once.



# SiMPLE Detector Layout

